

CAS ONLINE PRINTOUT

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(FILE 'HOME' ENTERED AT 07:42:54 ON 24 FEB 2003)

FILE 'CAPLUS' ENTERED AT 07:44:04 ON 24 FEB 2003

L1 5 S METHOD (3A) CHARACTER? (5A) ANALYTE

FILE 'USPATFULL' ENTERED AT 07:47:16 ON 24 FEB 2003

L2 25 S L1

L3 7 S L1/CLM

=> d bib ncl kwic 1-7

L3 ANSWER 1 OF 7 USPATFULL

AN 2002:3877 USPATFULL

TI Assay device with timer function

IN Mendel-Hartvig, Ib, Uppsala, SWEDEN

Unger, Erik, Uppsala, SWEDEN

PI US 2002001852 A1 20020103

AI US 2001-848417 A1 20010504 (9)

PRAI SE 2000-1667 20000505

US 2000-206780P 20000524 (60)

DT Utility

FS APPLICATION

LREP BIRCH STEWART KOLASCH & BIRCH, PO BOX 747, FALLS CHURCH, VA, 22040-0747

CLMN Number of Claims: 10

ECL Exemplary Claim: 1

DRWN 1 Drawing Page(s)

LN.CNT 599

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

NCL NCLM: 436/514.000

CLM What is claimed is:

10. A method of performing an assay for determining an **analyte** in a sample, **characterized** in that the **method** comprises the steps of: (i) providing an assay device as defined in any one of claims 1 to 7, wherein.

L3 ANSWER 2 OF 7 USPATFULL

AN 2001:154154 USPATFULL

TI Surface regeneration of biosensors and characterization of biomolecules associated therewith

IN Andersson, Karl, Uppsala, Sweden

Hamalainen, Markku, Uppsala, Sweden

Malmqvist, Magnus, Uppsala, Sweden

Roos, H.ang.kan E., Uppsala, Sweden

PA Biacore AB, Uppsala, Sweden (non-U.S. corporation)

PI US 6289286 B1 20010911

AI US 1998-87402 19980529 (9)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Assouad, Patrick; Assistant Examiner: Bui, Bryan

LREP Seed Intellectual Property Law Group PLLC

CLMN Number of Claims: 48

ECL Exemplary Claim: 1

DRWN 13 Drawing Figure(s); 13 Drawing Page(s)

LN.CNT 2014

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

NCL NCLM: 702/019.000

NCLS: 210/618.000; 210/635.000; 435/007.100; 436/501.000; 436/538.000

CLM What is claimed is:

38. A **method** for **characterizing** a ligand or **analyte** associated with a biosensor surface, comprising the

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steps of: (a) sequentially contacting the biosensor surface having a surface-bound ligand with. . .

L3 ANSWER 3 OF 7 USPATFULL
 AN 2000:61381 USPATFULL
 TI Circulation thin layer liquid phase assay
 IN Ishikawa, Eiji, 24-1, Ohtsukadainishi 3-chome, Miyazaki-shi, Miyazaki 880-2105, Japan
 PA Sumitomo Pharmaceuticals Company Limited, Osaka, Japan (non-U.S. corporation)
 Ishikawa, Eiji, Miyazaki, Japan (non-U.S. individual)
 PI US 6063564 20000516
 AI US 1998-124767 19980730 (9)
 PRAI JP 1997-220956 19970731
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Stucker, Jeffrey
 LREP Sughrue, Mion, Zinn, Macpeak & Seas, PLLC
 CLMN Number of Claims: 7
 ECL Exemplary Claim: 1
 DRWN 6 Drawing Figure(s); 6 Drawing Page(s)
 LN.CNT 1169
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 NCL NCLM: 435/005.000
 CLM What is claimed is:
 . . . reaction liquid, on the surface of an insoluble carrier, by the action of a substance that specifically binds to the **analyte**, the assay **method characterized** by the following (A), (B) and (C): (A) a part of the surface of the carrier being immersed in a. . .

L3 ANSWER 4 OF 7 USPATFULL
 AN 1999:72876 USPATFULL
 TI Laser vaporization/ionization interface for coupling microscale separation techniques with mass spectrometry
 IN Yeung, Edward S., Ames, IA, United States
 Chang, Yu-chen, Taichung Hsien, Taiwan, Province of China
 PA Iowa State University Research Foundation, Inc., Ames, IA, United States (U.S. corporation)
 PI US 5917185 19990629
 AI US 1997-882855 19970626 (8)
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Berman, Jack I.
 LREP Muetting, Raasch & Gebhardt, P.A.
 CLMN Number of Claims: 76
 ECL Exemplary Claim: 1
 DRWN 8 Drawing Figure(s); 8 Drawing Page(s)
 LN.CNT 1118
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 NCL NCLM: 250/288.000
 NCLS: 250/423.000P
 CLM What is claimed is:
 28. A **method** for structural **characterization** of an **analyte** comprising: (a) introducing a liquid comprising an analyte and a light-absorbing water-soluble solute at a concentration of less than 1.0. . .
 38. A **method** for structural **characterization** of a separated **analyte** comprising: (a) introducing a sample comprising at least one analyte into a separation capillary containing a liquid buffer or solvent,. . .

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50. A **method** for structural **characterization** of a separated **analyte** comprising: (a) introducing a sample comprising at least one analyte into the inlet end of a capillary; (b) separating the. . .
 69. A **method** for structural **characterization** of an **analyte** comprising: (a) introducing a liquid comprising an analyte and a light-absorbing water-soluble solute into the evacuated internal chamber of a. . .
 73. A **method** for structural **characterization** of a separated **analyte** comprising: (a) introducing a sample comprising at least one analyte into a separation capillary containing a liquid buffer or solvent,. . .

L3 ANSWER 5 OF 7 USPATFULL
 AN 95:36092 USPATFULL
 TI Method to identify analyte-binding ligands
 IN Kauvar, Lawrence M., San Francisco, CA, United States
 PA Terrapin Technoogies, Inc., South San Francisco, CA, United States (U.S. corporation)
 PI US 5409611 19950425
 AI US 1993-116059 19930902 (8)
 RLI Continuation of Ser. No. US 1993-49642, filed on 9 Apr 1993, now patented, Pat. No. US 5340474 which is a continuation-in-part of Ser. No. US 1989-429721, filed on 31 Oct 1989, now patented, Pat. No. US 5133866 which is a continuation-in-part of Ser. No. US 1989-355042, filed on 16 May 1989, now patented, Pat. No. US 4963263 which is a continuation of Ser. No. US 1988-172626, filed on 24 Mar 1988, now abandoned And a continuation-in-part of Ser. No. US 1988-255906, filed on 11 Oct 1988, now patented, Pat. No. US 5217869
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Therkorn, Ernest G.
 LREP Morrison & Foerster
 CLMN Number of Claims: 8
 ECL Exemplary Claim: 5
 DRWN 32 Drawing Figure(s); 23 Drawing Page(s)
 LN.CNT 1702
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 NCL NCLM: 210/635.000
 NCLS: 210/656.000; 436/161.000; 436/518.000; 530/413.000
 CLM What is claimed is:
 1. A **method** to **characterize** a single **analyte**
 , which method comprises: contacting said analyte with each of a panel of diverse paralogs which react in a multiplicity of. . .

L3 ANSWER 6 OF 7 USPATFULL
 AN 93:46316 USPATFULL
 TI Method to produce immunodiagnostic reagents
 IN Kauvar, Lawrence M., San Francisco, CA, United States
 PA Terrapin Technologies, Inc., San Francisco, CA, United States (U.S. corporation)
 PI US 5217869 19930608
 AI US 1988-255906 19881011 (7)
 RLI Continuation-in-part of Ser. No. US 1987-108130, filed on 13 Oct 1987
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Saunders, David
 LREP Morrison & Foerster
 CLMN Number of Claims: 19
 ECL Exemplary Claim: 1
 DRWN 12 Drawing Figure(s); 11 Drawing Page(s)
 LN.CNT 1664

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CAS INDEXING IS AVAILABLE FOR THIS PATENT.

NCL NCLM: 435/007.900
NCLS: 435/007.930; 435/975.000; 436/518.000; 436/548.000; 436/809.000;
530/387.900; 530/388.100; 530/808.000; 530/809.000

CLM What is claimed is:
14. A **method of characterizing** a particular **analyte**, comprising: (a) successively reacting each member of a panel of diverse antibodies with separate labeled mimotopes that are individual members. . . .
19. A **method of characterizing** a particular **analyte**, comprising: competitively reacting unlabeled analyte which is to be characterized and a mixture containing a diverse set of labeled mimotopes,. . . .

L3 ANSWER 7 OF 7 USPATFULL

AN 88:22783 USPATFULL

TI Solid-state optical assay imaging apparatus

IN McConnell, Harden M., Stanford, CA, United States

Briggs, Jonathan, Palo Alto, CA, United States

Parce, John W., Winston-Salem, NC, United States

PA Molecular Devices Corporation, Palo Alto, CA, United States (U.S. corporation)

PI US 4737464 19880412

AI US 1985-780485 19850926 (6)

DT Utility

FS Granted

EXNAM Primary Examiner: Marcus, Michael S.

LREP Rowland, Bertram I., Caserza, Steven F.

CLMN Number of Claims: 13

ECL Exemplary Claim: 12

DRWN 7 Drawing Figure(s); 4 Drawing Page(s)

LN.CNT 718

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

NCL NCLM: 436/043.000
NCLS: 352/213.000; 422/067.000; 422/073.000; 422/082.050; 422/082.080;
422/082.090; 436/164.000; 436/805.000; 436/807.000

CLM What is claimed is:
12. A **method** for determining a **characteristic** of an **analyte** in a sample, said method comprising the steps of:
irradiating an assay site and a standard reference site with light. .

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